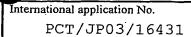
INTERNATIONAL SEARCH REPORT

mternational application No.
PCT/JP03/16431

	SIFICATION OF SUBJECT MATTER C1 ⁷ G06F13/00, H04M11/00, H04	N7/173	
According	to International Patent Classification (IPC) or to both n	national classification and IPC	
	S SEARCHED		
Minimum d Int.	locumentation searched (classification system followed C1 G06F13/00, H04M11/00, H04	by classification symbols) N7/173	
Jits Koka	tion searched other than minimum documentation to the uyo Shinan Koho 1922—1996 i Jitsuyo Shinan Koho 1971—2004	Toroku Jitsuyo Shinan Koh Jitsuyo Shinan Toroku Koh	o 1994–2004 o 1996–2004
	lata base consulted during the international search (nam	ne of data base and, where practicable, sea	rch terms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-544608 A (Telefonakt Ericsson(publ)), 24 December, 2002 (24.12.02) Full text; all drawings & WO 00/69140 A1 & EF & US 6564261 B1		1-6
A	JP 8-249253 A (Fujitsu Ltd.) 27 September, 1996 (27.09.96 Full text; all drawings (Family: none)		1-6
A	JP 8-115303 A (NEC Corp.), 07 May, 1996 (07.05.96), Full text; all drawings (Family: none)		1-6
× Furth	er documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be	
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means. "P" document published prior to the international filing date but later than the priority date claimed		considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family	
Date of the a	actual completion of the international search arch, 2004 (30.03.04)	Date of mailing of the international search 13 April, 2004 (13.	04.04)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	





ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	JP 2002-176432 A (Sony Corp.), 21 June, 2002 (21.06.02), Full text; all drawings & US 2002-91834 A1	1-6
A .	JP 8-115246 A (Xerox Corp.), 07 May, 1996 (07.05.96), Full text; all drawings & US 5581753 A	1-6
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